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DB=USPT, USOC; PLUR=YES; OP=OR

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(370/276   370/401   370/402   370/423   370/912   709/230   709/250   709/253   710/52   710/62   710/36   710/307   710/2   710/33   710/300   710/306   710/313).ccls.	7028
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<u>L3</u> 710/52,0	52,36,307,2,33,300,306,313;709/230,250,253;370/276,401,402,423,912.ccls.	7028	<u>L3</u>
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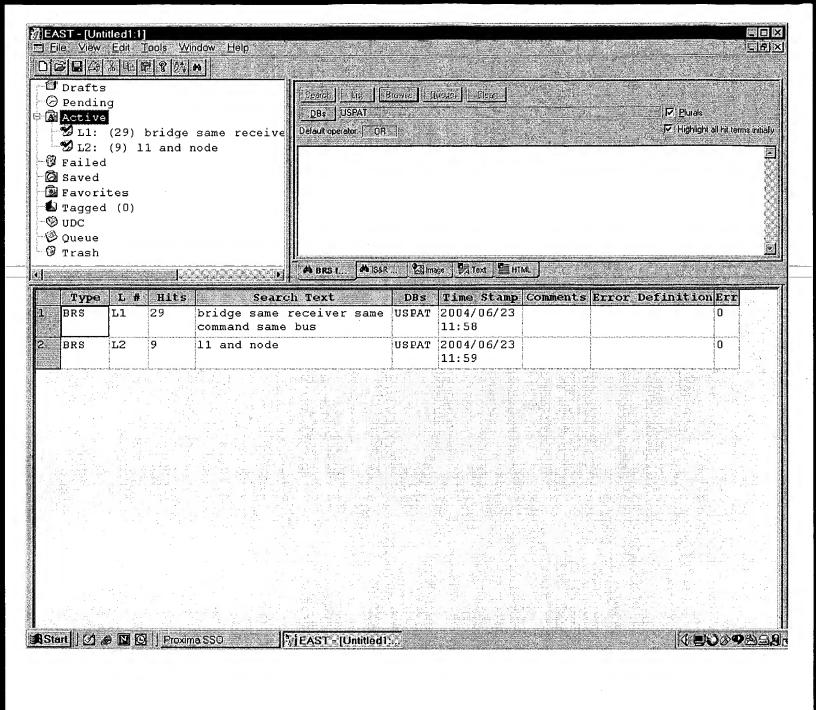


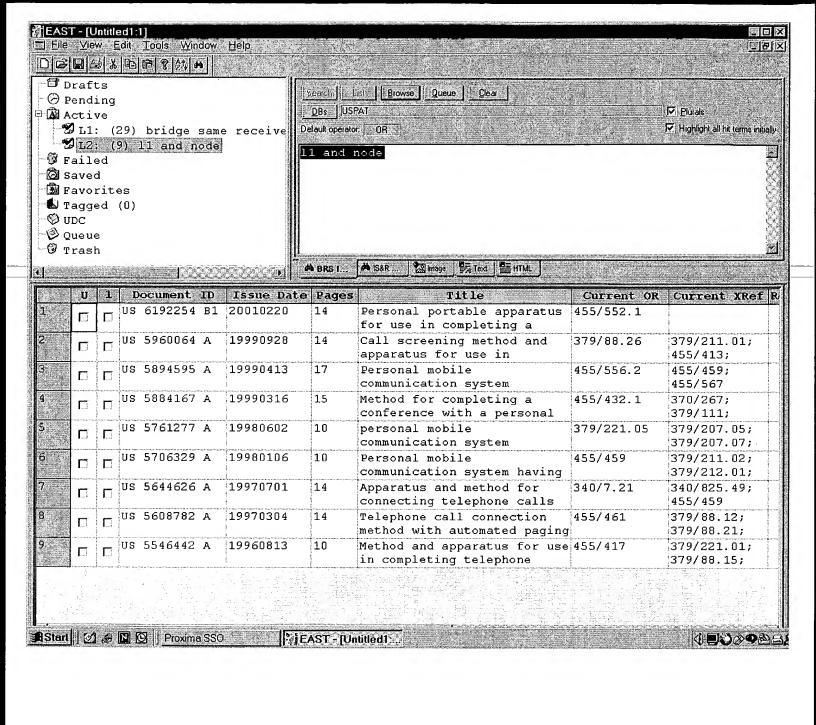
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<u>L3</u>	710/52,62,36,307,2,33,300,306,313;709/230,250,253;370/276,401,402,423,912.ccls.	7028	<u>L3</u>
DB	=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L2</u>	L1	0	<u>L2</u>
DB	=USPT, USOC; PLUR=YES; OP=OR		
L1	bridge same receiver same command same bus	32	L1





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O- By Author O- Basic O- Advanced	1 A method to analyze interference from frequency hopping radios an application to the PROFFAR cosite filter for the Swedish army Carlsson, O.; Military Communications Conference, 1989. MILCOM '89. Conference Record.
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# A method to analyze interference from frequency he

radios and its application to the PROFFAR cosite filt the Swedish army

Carlsson, O.

Telub Teknik AB, Vaxjo, Sweden;

This paper appears in: Military Communications Conference, 1989. MILC Conference Record. 'Bridging the Gap. Interoperability, Survivability, 1989 IEEE

Meeting Date: 10/15/1989 - 10/18/1989

Publication Date: 15-18 Oct. 1989

Location: Boston, MA USA On page(s): 928 - 934 vol.3

Reference Cited: 3

Inspec Accession Number: 3659777

#### **Abstract:**

A computerized method (called SIGFRID) to simulate the amount of frequence interference in a **receiver** subjected to a number of interfering transmitters in situation was developed a few years ago. The method handles full scenarios, friendly and hostile distant transmitters, jammers, ambient noise, and propagicharacteristics. Modeling of important **receiver** and transmitter properties to analysis of densely colocated radios, as encountered in army vehicles and **cor** posts, is included. In the present work the author considers the cosite modeling application to the analysis of improvements in cosite performance achieved by PROFFAR cosite filter. It was shown that, using the facilities of SIGFRID, the improvement achieved by using PROFFAR can be readily demonstrated by sull laboratory radio link to the simulated interference

#### **Index Terms:**

frequency agility military computing military systems mobile radio systems radiocon radiofrequency filters radiofrequency interference RFI SIGFRID army vehicles corposts cosite modeling densely colocated radios frequency hopping radios jamming laboratory radio link receiver interference receiver properties relative range simula interference simulation program transmitter properties

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L1: Entry 1 of 1

File: USPT

Feb 24, 2004

US-PAT-NO: 6697890

DOCUMENT-IDENTIFIER: US 6697890 B1

TITLE: I/O-node-for-a-computer-system-including-an-integrated-I/O-interface

DATE-ISSUED: February 24, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Gulick; Dale E. Hewitt; Larry D.

Austin Austin TX

ASSIGNEE-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY TYPE CODE

Clear

Advanced Micro Devices, Inc.

Sunnyvale CA

02

APPL-NO: 10/ 034878 DATE FILED: December 27, 2001

INT-CL:  $[07] \underline{G06} \underline{F} \underline{13/12}$ 

US-CL-ISSUED: 710/62; 710/33, 710/36, 710/106, 709/201, 709/230 US-CL-CURRENT: 710/62; 709/201, 709/230, 710/106, 710/33, 710/36

Search Selected

FIELD-OF-SEARCH: 710/1, 710/15, 710/17, 710/18, 710/29, 710/31, 710/33, 710/36, 710/38, 710/41, 710/62, 710/64, 710/72, 710/105, 710/106, 712/29, 712/225, 709/201, 709/230

PRIOR-ART-DISCLOSED:

#### U.S. PATENT DOCUMENTS

Search ALL

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
5432907	July 1995	Picazo, Jr. et al.	395/200
5490168	February 1996	Phillips et al.	375/224
5812930	September 1998	Zavrel	455/5.1
5859848	January 1999	Miura et al.	370/395
6278532	August 2001	Heimendinger et al.	
6282714	August 2001	Ghori et al.	725/81

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 ☐
 6359907
 March 2002
 Wolters et al.
 370/485

 ☐
 6414525
 July 2002
 Urakawa

 ☐
 6532283
 March 2003
 Ingram
 379/130

#### OTHER PUBLICATIONS

U.S. patent application Ser. No. 09/978,349, filed Oct. 15, 2001. U.S. patent application Ser. No. 10/093,146, filed Mar. 7, 2002.

ART-UNIT: 2182

PRIMARY-EXAMINER: Gaffin; Jeffrey

ASSISTANT-EXAMINER: Mai; Rijue

ATTY-AGENT-FIRM: Meyertons Hood Kivlin Kowert & Goetzel, P.C. Kivlin; B. Noel

#### ABSTRACT:

An I/O node for a computer system including an integrated I/O interface. An input/output node for a computer system that is implemented upon an integrated circuit includes a first transceiver unit, a second transceiver unit, a packet tunnel, a bridge unit and an I/O interface unit. The first transceiver unit may receive and transmit packet transactions on a first link of a packet bus. The second transceiver unit may receive and transmit packet transactions on a second link of the packet bus. The packet tunnel may convey selected packet transactions between the first and second transceiver units. The bridge unit may receive particular packet transactions from the first transceiver may transmit transactions corresponding to the particular packet transactions upon a peripheral bus. The I/O interface unit may receive additional packet transactions from the first transceiver unit and may transmit transactions corresponding to the additional packet transactions upon an I/O link.

20 Claims, 2 Drawing figures

# First Hit Fwd Refs End of Result Set

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L4: Entry 1 of 1

File: USPT

Jun 20, 2000

US-PAT-NO: 6078976

DOCUMENT-IDENTIFIER: US 6078976 A

TITLE: Bridge device that prevents decrease in the data transfer efficiency of

buses

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Obayashi; Yoshimasa

Kyoto

JΡ

ASSIGNEE-INFORMATION:

NAME

CITY STATE ZIP CODE COUNTRY TYPE CODE

Matsushita Electric Industrial Co., Ltd.

JΡ

03

APPL-NO: 09/ 102685 [PALM]
DATE FILED: June 23, 1998

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY

APPL-NO

APPL-DATE

JΡ

9-167332

June 24, 1997

JΡ

10-074706

March 23, 1998

INT-CL: [07] G06 F 13/40

US-CL-ISSUED: 710/128; 710/52, 710/113

US-CL-CURRENT: 710/315; 710/113, 710/310, 710/52

FIELD-OF-SEARCH: 710/100, 710/101, 710/52, 710/113-130, 710/240-244

PRIOR-ART-DISCLOSED:

#### U.S. PATENT DOCUMENTS

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	Geardin Gelecica	Geardi ALL	
PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
4939643	July 1990	Long et al.	
5546546	August 1996	Bell et al.	
5584033	December 1996	Barrett et al.	710/105

5659718	August 1997	Osman et al.	
5768548	June 1998	Young et al.	710/129
5778236	July 1998	Gephardt et al.	710/266
5857082	January 1999	Murdoch et al.	710/128

#### OTHER PUBLICATIONS

"Digital Semiconductor 21152 PCI-toPCI Data Sheet," Digital Equipment Corporation, Maynard, MA, Sep. 1997.

ART-UNIT: 271

PRIMARY-EXAMINER: Thai; Xuan M.

ATTY-AGENT-FIRM: Price, Gess & Ubell

#### ABSTRACT:

When the use of a receiver the bus is not be acquired in delayed read or posted write, the length of a burst data transfer is limited by the capacity of the buffer in a bridge device. In order to solve this problem, waits are inserted in data output process via a sender bus in delayed read or posted write according to the condition of the receiver bus. As a result, input rate of data into the buffer in the bridge device is kept constant, and the use of the receiver bus can be acquired in the delayed read or the posted write. Data is simultaneously transferred into and from the buffer in the bridge device, so that the probability of burst data transfer with a long burst data transfer length is increased.

16 Claims, 11 Drawing figures

Bridge control 405 contains memory 419. Memory 419 maps the received four

digits of the called individual's personal telephone number to the predetermined code stored in the pager 103 associated with the called

Detailed Description Text - DETX (12):

